

Name of the Product : **Prestained protein Ladder**

Code No. : **MBT092**

Section 1 : **Chemical Identification & Company Information**

Code No. : MBT092

Name of the Product : Prestained protein Ladder

Produced by : HiMedia Laboratories Pvt. Ltd.

Address : 23, Vadhani Indl. Estate, LBS Marg, Mumbai 400 086, India.

Tel. No. : 2500 0970, 2500 1607 Fax No. 022 2500 2468

Section 2 : **Product Composition (Classification)**

Proprietary mixture containing Sodium dodecyl sulfate, EDTA, Glycerol, Dithiothreitol, Urea.

Section 3 : **Hazards Identification**

Hazard : Not classified as hazardous. Avoid inhalation, ingestion, and skin contact

Section 4 : **First - Aid Measures**

In case of swallowing - wash out mouth with water provided person is conscious. In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. In case of inhalation - remove to fresh air. If breathing becomes difficult, call physician. In case of contact with eyes - wash with copious amounts of water for at least 15 minutes. Assure adequate washing by water of opened eyes. In serious conditions, call a physician, show the container or label.

Section 5 : **Fire Fighting Measures**

The preparation cannot cause fire.

Suitable Extinguishing agents: Water spray, Carbon dioxide, dry chemical powder or appropriate foam. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6 : **Accidental Release Measures**

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete. Additional Information: No dangerous substance released.

Section 7 : **Handling and Storage**

Handling - Refer to Section 8

Storage - Store at - 20°C

Section 8 : **Exposure Controls / Personal Protection**

Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.

Section 9 : **Physical and Chemical Properties**

Appearance : Liquid; Color: Blue; Odour: Odorless; pH at 25°C: 7.5; Boiling point: 100°C

Section 10 : **Stability and Reactivity**

Stability : Product is stable if stored as per the conditions specified under storage of Section No. 7. Product loses its potency/performance above 45°C.

Conditions to avoid : Strong oxidizing agents, strong bases, or fire

Section 11 : **Toxicological Information**

Routes of exposure

Inhalation of aerosols may cause allergic type reactions in sensitised individuals. Repeated ingestion or excessive dosage may be irritating. Prolonged skin and eye contact may cause irritation. When used and handled according to specifications, the product does not have any harmful effects.

Section 12 : **Ecological Information**

The preparation is readily biodegradable. It is not dangerous to the environment w.r.t. mobility, persistence and degradability, bioaccumulation, aquatic toxicity and other data relating to ecotoxicity. The preparation does not accumulate bioata or pass through the food chain.

Section 13 : **Disposal Considerations**

No special disposal methods required, except to be in accordance with current local environmental regulations.

Section 14 : **Transport Information**

Not dangerous according to transport regulations. Non-hazardous for sea freight, road transport, rail transport and air transport. The preparation may be stored in ice during the transportation.

Section 15 : **Regulatory Information**

Risk Phrases : 36/37/38

Safety Phrases : 20/21-24/25

Section 16 : **Other Information**

Disclaimer : For R & D use only. Not for drug, household or other uses.

Warranty : The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.
